



**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information**

Subwatershed: Bear Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: B5

State Plane Coordinates of Outfall Location: X: 1345080 Y: 518418

Closest Road Intersection to Outfall: Contee Road and Mayfair Drive

Outfall SDI ID or Outfall Description: system 83083A, SDI 54541

Objective: Demonstration / Impairment(s) (Sheet 1) _____

Drainage Area (ac): 8.2 Impervious Area (ac): 3.5

Percent Impervious: 42% Soil Recharge Factor (S): 0.12

WQ_v (required): 0.29 Re_v (required): 0.04

Predominant Land Use: residential Mean Depth to Ground Water: >=5 ft

Sanitary System: Septic Municipal Sewer Water Supply: On Site Well Public Water

Storm Drainage System Within Catchment

Piped: 100% Open Channels: 0%

Area Drained by System: 100%

Location in Catchment: Headwaters Middle Lower All

Open Channel Lining- Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s)

SDI ID: 85127A Type (number from Sheets 4 & 5): 16 Age: 17

Closest Road Intersection to IMP / BMP: Laurel Place and Cherry Lane

Catchment Area Treated (ac) : 8.2 Percentage Catchment Treated: 100%

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: 85128A Type (number from Sheets 4 & 5): 16 Age: 17

Closest Road Intersection to IMP / BMP: Oxford Drive and Chapel Cove Drive

Catchment Area Treated (ac) : 26.9 Percentage Catchment Treated: 100%

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: _____ Type (number from Sheets 4 & 5): _____ Age: _____

Closest Road Intersection to IMP / BMP: _____

Catchment Area Treated (ac) : _____ Percentage Catchment Treated: _____

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information (concluded)

CATCHMENT SUMMARY

WQ_v (provided): _____

Re_v (provided) : _____

Area Treated (ac): _____

Impervious Area Treated (ac): _____

Area Treated (%): _____

Impervious Area Treated (%): _____

Comments

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: Mayfair Subdivision Address: Bonnett Ln, Bonnett Rd, Mayfair Dr, Mayfair TerSite Owner: varies (contact Mayfair Homeowners Association)State Plane Coordinates of Site Centroid: X: 1344682 Y: 517742 Date: 3/21/03Personnel: JA, PM Weather: overcast, 60F degArea (ac): 6.3 Impervious Area (ac): 1.3Percent Impervious: 20% Soil Recharge Factor (S): 0.12WQ_v (required): 0.12 Re_v (required): 0.01Property Area (ac): 38.8 Property Area Included in Site: 16 %Amount of Catchment Occupied by Site: 80 %

Storm Drainage System Within Site

Piped: 100% Open Channels: 0% Area Drained by System: 75%Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: _____ Condition: Excellent Good Average Fair PoorSDI ID: _____ Condition: Excellent Good Average Fair PoorSDI ID: _____ Condition: Excellent Good Average Fair Poor

Site Information

Type of Pavement: Bituminous Concrete Gravel Grid Pavers Other _____Pavement Condition: Excellent Good Average Fair PoorUnderdrains can be easily directed to existing storm drains or daylighted: YES NOGutter/Exterior Downspouts Present: YES NORoof Connected Directly to Storm Drain: YES NORoof Drains onto Impervious Surface: YES NOObvious Existing Drainage Problems: Extensive Moderate Average Limited NoneSteep Slopes Present: Extensive Moderate Average Limited NoneExisting Landscaping: Extensive Moderate Average Limited NoneMature / Specimen Trees: Extensive Moderate Average Limited NoneArea Available for Aboveground BMPs: Extensive Moderate Average Limited NoneExisting Cover of Potential Aboveground BMP Locations: Grass Landscaped Gravel Other Pervious
 Pavement Other Impervious

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)**

Commercial / Institutional

Islands Present: YES NO

Curb Present Around Island: YES NO

Ground Level of Island Relative to Pavement: Above Equal Below

Island Landscaping: Impervious Bare Earth Gravel Grass Mulch Herbaceous Plants Shrubs
 Trees (<2 in. DBH) Trees (2 - 6 in. DBH) Trees (>6 in. DBH)

Trees have sufficient spacing to allow IMPs YES NO

Parking area that can be directed to potential treatment area with little grading: 10%

SITE SUMMARY	
WQ _v (provided) :	Re _v (provided):
Area Treated (ac) :	Impervious Area Treated (ac):
Area Treated (%) :	Impervious Area Treated (%):

Photographs

- No. 410 Description: looking west at north side of street
- No. 411 Description: looking west at north side of street
- No. 412 Description: looking east from watershed boundary
- No. 413 Description: looking north from Contee Road at Bear Branch
- No. _____ Description: _____

Comments At the time of the field inspection the creek was overflowing and passing over Contee Road.
The property acreage provided above is for the entire Mayfair Subdivision.

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information**



410



411



412



413